

Why you should be Vue-ing
your performance



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Performance

Run Performance Tests

Be aware of what your shipping

Use webpack analyzer to see what is being bundled

Run an audit in chrome dev tools

Check your css with CSS Stats

Dev Tools Audit



Performance



Accessibility



Best Practices



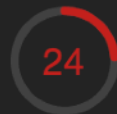
SEO



Progressive Web App

Score scale: ■ 90-100 ■ 50-89 ■ 0-49

Performance



Metrics

First Contentful Paint

3.5 s ⓘ

First Meaningful Paint

4.3 s ⚠

Speed Index

9.9 s ⚠

First CPU Idle

11.0 s ⚠

Time to Interactive

13.6 s ⚠

Estimated Input Latency

180 ms ⚠

Analyse your bundle

Asset	Size	Chunks	Chunk Names
../server/modern.manifest.json	21.8 KiB	[emitted]	
16bffb63528b153637fe.js	4.83 KiB	9	[emitted] pages/bookingIspo
181d36c8add2de554ea5.js	9.1 KiB	17	[emitted] pages/mice
28fbb8e52ec02b17a688.js	1.36 KiB	18	[emitted] pages/privacy
3c7cd4eba5d435aedad6.js	75.4 KiB	23	[emitted] vendors.app
45406ac61bdab28ce68e.js	4.25 KiB	29	[emitted]
4b9052f8a9694e171a60.js	9.1 KiB	20	[emitted] pages/trips
4cc3066f478255fa048a.js	9.07 KiB	16	[emitted] pages/index
578a584e37899ad1c1f9.js	1.89 KiB	27	[emitted]
608145bd5dfd9b40e6eb.js	1.13 KiB	11	[emitted] pages/conditions
688ed2170e40cdfc24af.js	1.69 KiB	13	[emitted] pages/cookies
6eadb7a4154d6f144d69.js	9.14 KiB	19	[emitted] pages/services
700a9f66bdbf5ab1252b.js	1.24 KiB	26	[emitted]
72aaf5ae8dab1b21b359.js	3.04 KiB	24	[emitted]
77b29359a95a5f57b158.js	45.4 KiB	1	[emitted] lang-ca
7c435a8e36a21a39f9fa.js	9.72 KiB	14	[emitted] pages/corporate
81899d97c56b805f37b0.js	1.11 KiB	5	[emitted]
942eb14595052a9c6812.js	45.8 KiB	3	[emitted] lang-es
97205f6fd1369238f7e0.js	6.29 KiB	10	[emitted] pages/bookings
9d3786f2b9b7ab658fd4.js	2.52 KiB	25	[emitted]
9d696e8cf42c3e8d9d10.js	8.45 KiB	8	[emitted] pages/about
9de5eaa41b677a8e34c0.js	850 bytes	28	[emitted]
LICENSES	1.19 KiB	[emitted]	
b64543b2ee461ae816b7.js	42.5 KiB	2	[emitted] lang-en

commons.app.js

node_modules

vue/dist

vue-router/dist

vue-router.esm.js

vue.runtime.esm.js

vue-meta.js

vuex.esm.js

runtime.js

index.js

app.js

.nuxt

client.js

utils.js

index.js + 35 modules (concatenated)

assets

scss

main.scss

components

vendors.app.js

node_modules

vue-carousel/dist

vue-i18n/dist

vue-carousel.min.js

vue-i18n.esm.js

lang-ca.js

i18n

ca.js

lang-es.js

i18n

es.js

lang-en.js

i18n

en.js

pages/services.js

components

BaseHero.vue + 7 modules (concatenated)

Services.vue + 8 modules (concatenated)

pages/index.js

components

BaseHero.vue + 7 modules (concatenated)

Services.vue + 8 modules (concatenated)

4.js

components

FooterMain.vue + 10 modules (concatenated)

pages/corporate.js

components

pages

pages/about.js

components

pages

pages/bookings.js

components

pages

pages/mice.js

components

pages

pages/work.js

components

pages

29.js

pages/booking/iso.js

pages

pages/trips.js

components

pages

pages/contact.js

pages

25.js

27.js

pages/booking/iso.js

pages/holidays.js

components

pages

24.js

components

runtime.js

lang-es.js

5.js

pages/privacy.js

runtime.js

pages/privacy.js



Code Splitting

Just change this:

```
import BaseHero from '~/components/BaseHero.vue'  
  
components: {  
  BaseHero,  
},
```

to this:

```
components: {  
  BaseHero: () => import('~/components/BaseHero.vue'),  
},
```


Lazy Load your translations

```
locales: [  
  {  
    code: 'en',  
    iso: 'en-US',  
    name: 'English',  
    file: 'en.js',  
  },  
],
```

```
lazy: true,  
langDir: 'i18n/',
```

Lazy Load your Images

```
import Vue from 'vue'  
import VLazyImage from 'v-lazy-image'  
Vue.component('VLazyImage', VLazyImage)
```

```
<v-lazy-image src="http://lorempixel.com/400/200/" />
```

Lazy Load your Images

```
  
<iframe src="https://example.com" loading="lazy"></iframe>
```

Use a CDN for your images

```
<v-lazy-image src="https://res.cloudinary.com/ideo/  
image/upload/q_auto,f_auto/cloudinary"/>
```



Styles

Utilities classes === less code to maintain

A utility-first CSS framework



Tailwind CSS

Styles

CSS Stats

GitHub

[http://\[REDACTED\]/assets/css/styles.css](http://[REDACTED]/assets/css/styles.css)

1.18 MB

12.4k

Rules

16.3k

Selectors

30.2k

Declarations

220

Properties

Total Declarations

Font Size

2,260

Float

532

Width

1,878

Height

765

Color

1,946

Background Color

1,195

Use PurgeCSS

Remove Unused CSS



Styles

CSS Stats

[GitHub](#)

**Patterson.travel - Agencia de Viajes
Especializada en Empresas**

16 KB

382

Rules

449

Selectors

502

Declarations

74

Properties

Total Declarations

Font Size

31

Float

0

Width

40

Height

12

Color

18

Background Color

15

Build Static Sites

Static Sites are faster

Just do it

Put Performance First

Aim for Perfection



Performance

Metrics



● First Contentful Paint	1.1 s	● First Meaningful Paint	1.7 s
● Speed Index	1.3 s	● First CPU Idle	2.2 s
● Time to Interactive	2.3 s	■ Max Potential First Input Delay	200 ms



Thank you



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